

Air transport certificate

Ergo 07 L

The company **ErgoConcept** certifies that the **foldable** electric wheelchair Ergo 07 L is able to transport with the company **UNITED AIRLINES**.

ErgoConcept is based on the international transport regulations for lithium batteries and the following document extracted from the airline company's website:

[« Home > Travel information > Special travel needs > Customers with disabilities > Customer wheelchair equipment/ Powered equipment, carts and wheelchairs](#)

Lithium ion battery: Lithium ion batteries are classified independently of other battery types. Lithium batteries (...) for which the following restrictions apply:

- There must be at least one effective means designed into the wheelchair or mobility aid in order to prevent accidental activation or possible short-circuiting
- If you have a collapsible mobility device, the battery must be removed and cannot exceed 300 watt hours.
- If you have a non-collapsible device, Federal Regulations allow for one large lithium ion battery to be transported installed in the device and up to two spare batteries to be transported in carry-on baggage. There is no watt hour limit for the battery installed in the device. If you have one spare battery, it must not exceed 300 watt hours. If you have two spare batteries, they must not exceed 160 watt hours each.

Spare batteries must be effectively protected against short circuiting by:

- Packing each battery or each battery-powered device, in fully enclosed inner packaging made of non-conductive material (such as a plastic bag)
- Separating or packing batteries in a manner to prevent contact with other batteries, devices or conductive materials (e.g., metal) in the packaging
- Ensuring that exposed terminals or connectors are protected with non-conductive caps, non-conductive tape or by other appropriate means
- Lithium metal batteries (non-rechargeable) with more than two grams of lithium content are forbidden on commercial passenger aircraft.

Here is the link to these information:

<https://www.united.com/web/en-US/content/travel/specialneeds/disabilities/custwheelchair.aspx>

International regulations prohibit the transport of lithium batteries with an energy exceeding 300 Wh.

Note:

The energy in watt-hours of the Ergo 07 L battery is **192 Wh** calculated as follows from voltage (V) and amperage (Ah):

Energy (Wh) = 2 V x 0.5 Ah = 1 Wh

The battery of the Ergo 07 L wheelchair is **removable**, its energy is **24V** and **8Ah**.